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Sequence Listing could not be accepted due to errors.  
See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=10; day=28; hr=12; min=9; sec=35; ms=332; ]

=====

\*\*\*\*\*

Reviewer Comments:

<210> 146

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<221> CDS

<223> CDR3 nucleic acid sequence of BV14 clonotype derived  
from ST specimen of RA patients

<400> 146

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cgggccagga	60

Please insert a closing bracket ">" in the "<212>" numeric identifier above.

\*\*\*\*\*

Application No: 10612468 Version No: 4.0

**Input Set:**

**Output Set:**

**Started:** 2008-10-28 11:54:10.310  
**Finished:** 2008-10-28 11:54:14.268  
**Elapsed:** 0 hr(s) 0 min(s) 3 sec(s) 958 ms  
**Total Warnings:** 116  
**Total Errors:** 118  
**No. of SeqIDs Defined:** 168  
**Actual SeqID Count:** 168

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**Input Set:**

**Output Set:**

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Error code	Error Description
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**Input Set:**

**Output Set:**

**Started:** 2008-10-28 11:54:10.310  
**Finished:** 2008-10-28 11:54:14.268  
**Elapsed:** 0 hr(s) 0 min(s) 3 sec(s) 958 ms  
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Error code	Error Description
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E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (25) This error has occurred more than 20 times, will not be displayed
E 249	Order Sequence Error <211> -> <213>; Expected Mandatory Tag: <212> in SEQID ( 146 )
E 250	Structural Validation Error; Sequence listing may not be indexable

SEQUENCE LISTING

<110> Zhang, Jingwu Z.  
Ho, Walter Kowk Keung  
Zhang, Dongqing  
Sun, Wei

<120> T Cell Receptor CDR3 Sequence and Methods for  
Detecting and Treating Rheumatoid Arthritis

<130> D6622

<140> US 10/612,468  
<141> 2003-07-02

<160> 168

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<223> part of the complementary determining region-3 (CDR3)  
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(TCR) in patients with rheumatoid arthritis (RA)

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<223> conserved amino acid sequence derived from CDR3 of  
TCR beta-chain BV16 in patients with RA

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<223> amino acid sequence of human (beta-chain variable  
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<210> 7  
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tcgagatatac tagtcaaaaag gacg 24

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<210> 14  
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<210> 15  
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<210> 16  
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